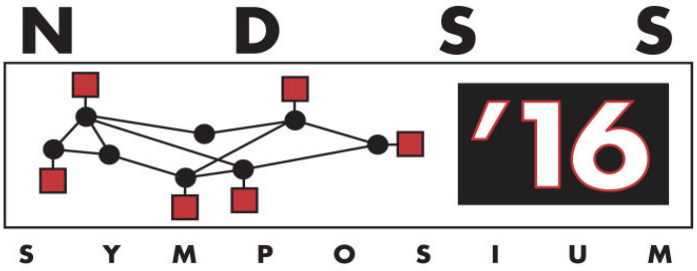
Proceedings

2016

Network and Distributed System Security Symposium



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2016

Network and Distributed System Security Symposium

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General Chair's Message

It is my pleasure to welcome you to the 23rd Annual Network and Distributed System Security Symposium.

I'm happy to report that this year's NDSS has the most content to offer of any NDSS meeting so far. Building on the success of previous years, this year we have three collocated workshops: TLS 1.3 Ready or Not (TRON), Understanding and Enhancing Online Privacy (UEOP), and Usable Security (USEC). The workshops span a broad range, some focused on traditional academic research, others focused on the concerns of practitioners; some publishing proceedings, others more informal and interactive. I'd like to thank Matthew Smith, the Workshop Chair, for bringing together such an exciting set of workshops.

Also building on recent success, we're this year continuing the tradition of organizing a poster session to showcase both in-progress and exciting recent work in various aspects of computer security. Thanks are due to Manuel Egele and Michelle Mazurek, the Poster Co-Chairs, for making sure we have an excellent poster program.

Due to increased interest in our field and in NDSS, more papers will be presented at NDSS this year than in any past year, yielding a particularly rich and exciting program. Selecting the papers is a task that involves many people and many hours of hard work. I'd like to thank Srdjan Capkun, the Program Chair, for the tremendous amount of work he donated and the excellent job he's done in putting together this year's program.

Many individuals have contributed to making NDSS a success, including everyone on the Steering Group, Organizing Committee, and many Internet Society staff; all have my gratitude. I'd like to specifically thank a few with whom I've worked closely and whose contributions have been particularly noteworthy: Karen O'Donoghue and David Balenson. Karen O'Donoghue has put in a tremendous amount of work and dealt with an ever-growing number of minor crises and unforeseen challenges in coordinating the Internet Society's role in organizing the conference. David Balenson has regularly exceeded what was expected of him, stepping in to help with tasks that weren't even vaguely related to his role as Publications Chair.

NDSS is possible in large part thanks to our generous sponsors. I'd like to thank Cisco, Afilias, Check Point Software Technologies, San Diego Supercomputer Center, Qualcomm and Mozilla for their ongoing support, and the Internet Society for hosting the symposium. Funds for our student grants were provided by the National Science Foundation and the Internet Society.

Finally, thank you, all, for participating in the symposium and through that adding the key ingredient that makes NDSS a success. I wish you all an excellent 23rd NDSS!

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Lujo Bauer
General Chair, NDSS'16
Carnegie Mellon University

Program Chair's Message

It gives me great pleasure to welcome you to the 23nd Annual Network & Distributed System Security Symposium (NDSS 2016). This year's edition of NDSS is held at the Catamaran Resort Hotel and Spa in San Diego, CA, United States on February 21-24, 2016. NDSS fosters information exchange among researchers and practitioners of network and distributed system security. The target audience includes those interested in practical aspects of network and distributed system security, with a focus on actual system design and implementation. A major goal is to encourage and enable the Internet community to apply, deploy, and advance the state of network and distributed systems security technologies.

NDSS is one of the prime security venues and I was honored to chair this year's program committee. The committee consisted of 43 researchers with established track records in a broad range of security and related topics. This year, NDSS received 389 submissions which were evaluated on the basis of their technical quality, novelty, and significance. Papers were evaluated in several rounds. In order to allow authors time to improve their work and submit to other venues, authors of submissions for which there is a consensus on rejection were notified after the first round of reviews and discussions. The paper selection process was finalized during a one-and-a-half-day in-person program committee meeting in New York, at which 60 papers (approximately 15.5%) were selected to appear at NDSS 2016.

Selecting a high-quality conference program is inherently a community effort and I am grateful to all those who supported this effort or actively took part in the selection process: Ari Juels for shadow-chairing the event, for his effort, support and patience - thanks Ari! Two Sigma for hosting the PC meeting in their amazing premises. Nikos Karapanos and Claudio Marforio for setting up the reviewing infrastructure, and for their assistance through the whole process. Lujo Bauer for his advice and guidance. Terry Weigler and Karen O'Donoghue for their logistical support. David Balenson, NDSS Publications Chair for his effort with the proceedings. I would further like to thank the program committee members for their great work. It has been a true pleasure to work in such a committee. Finally, great thanks to the authors who submitted their work to NDSS, the attendees and the readers of these proceedings!

Srdjan Capkun
Program Chair, NDSS'16
ETH Zurich

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